SMS/800 FUNCTIONS

3. Service Offerings (Cont'd)

   3.3 SMS/800 Access (Cont'd)

      3.3.2 Dedicated Terminal Access Requirements (Cont'd)

         (A) Equipment (Cont'd)

            (1) Controllers

- IBM Synchronous 3270 or compatible controller from another vendor.

                                                                                        D
                                                                                        D

- Controller must support up to 56.0 Kbps data transmission rates.

- Maximum recommended line configuration for a multi-point line is five remote drops with sixteen terminals per drop.

            (2) Terminals

- IBM 3270 type terminal or compatible (e.g., IBM 3278)

- Standard EBCDIC character set

- 24 x 80 screen image

- At least 12 program function (PF) keys

- PA1, PA2, CLEAR, and TAB keys

            (3) Printers

- IBM 3270 type printer or compatible (e.g., IBM 3286)

- 80 column output

- EBCDIC SNA character set (SCS) support, IBM option

SMS/800 FUNCTIONS

3. **Service Offerings (Cont'd)**

    3.3 **SMS/800 Access (Cont'd)**

        3.3.2 **Dedicated Terminal Access Requirements (Cont'd)**

            (B) Information Requirements

When connecting to the SMS/800 on a dedicated basis, the Resp Org must   T
provide certain information to the SMS/800 Data Center. The address and
telephone number are:

> 801 Chestnut Street, Room 5300B   T
> St. Louis, Missouri 63101
> Phone: 888-767-3300, Option 2   T

Information to be provided includes:

- Name of Interexchange Carrier (IC) providing the connection, or Local Exchange Carrier (LEC) if the Resp Org is located in the same LATA as the SMS/800,

- Carrier circuit number,

- Carrier service order number, and

- Due date for circuit installation

        3.3.3 **Mechanized Generic Interface (MGI) Access Requirements**

The Resp Orgs may also elect to interface with the SMS/800 on a mechanized basis. The SMS/800 Mechanized Generic Interface (MGI) facilitates the transfer of number administration and customer record administration data between SMS/800 and other Operations Systems (OSs) belonging to the Resp Org in order to support the various operations functions performed by SMS/800. The interface is a two-way interface in the sense that data will flow to and from an OS.

The SMS/800 to OS interface consists of five protocol layers: (1) the physical layer; (2) the link layer; (3) the packet layer; (4) a User Application Layer (UAL); and (5) the User Program Layer (UPL). The physical, packet, and link layers comprise the Transport Service, which provides an error-free communication path for the transfer of data between sites. It relieves application layers of any concern about the way in which reliable data transfer is achieved. UAL provides the Application Service functionality, which performs the necessary high-level protocol functions not supplied by the Transport Service. The functionality includes request/reply correlation, site-to-site confirmation, message queuing, message priority, message segmentation, and system or link failure/recovery. The UPL is concerned with the specific application messages themselves.

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Issued: August 22, 2003   Effective: September 06, 2003

The names, titles and address of the
tariff's Issuing Officers are located
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SMS/800 FUNCTIONS

3. Service Offerings (Cont'd)

3.3 SMS/800 Access (Cont'd)

3.3.3 Mechanized Generic Interface (MGI) Access Requirements (Cont'd)

The MGI is described in detail in SR-4952, Service Management System   C
(SMS)/800 - Mechanized Generic Interface Specification

3.4 Batch Update Process

In addition to providing for 800 record creation and modification through direct
interaction with the SMS/800, the Company also provides for record creation and
modification via a batch update process.

The batch update process allows the Resp Org to transmit information to create, modify
or disconnect 800 numbers in a tape format. It does not provide for number search and
reservation functions.

Before a Resp Org can use the batch update process, an initial test tape must be
provided to the Company. Tests will be performed to verify the tape format and to
ensure that the Resp Org's record updates are properly generated, acted upon and
responded to. A charge will be assessed for this testing either on a daily or hourly
basis, as set forth in 4.2(F).

Batch update tapes must be sent via registered U.S. mail to:

> SMS/800 Data Center
> 801 Chestnut Street, Attn: 3rd Floor Tape Library
> St. Louis, Missouri 63101

When the batch update method is used, the Resp Org will be assessed an additional
charge, as set forth in 4.2(F) following.

Reports and tapes generated during the batch update process, along with Resp Org
input tapes, will be returned to the Resp Org via overnight courier. The courier will be
instructed to bill the recipient for shipping changes.

3.5 Mechanized Generic Interface (MGI) Testing

Before OS to SMS/800 total system integration, Mechanized Generic Interfaces (MGIs)
must be tested thoroughly to confirm data communications integrity. Resp Orgs
planning to use the MGI method of access must comply with specific laboratory and field
testing requirements prior to being allowed to access the SMS/800 via an MGI. A unique
testing logon ID will be assigned for such testing.

This page filed under Transmittal 25

Issued: August 22, 2003   Effective: September 06, 2003

The names, titles and address of the
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SMS/800 FUNCTIONS

3. **Service Offerings (Cont'd)**

     3.5 **Mechanized Generic Interface (MGI) Testing (Cont'd)**

     ### 3.5.1 Laboratory Test Requirements

     The laboratory test consists of the following test phases: Telcordia Protocol   T
     Conformance Testing Facility (BPCTF-applicable for supporting the X.25 protocol   T
     only); User Application Layer (UAL) Testing; User Program Layer (UPL) Testing ;   T
     and Volume Testing. Detailed testing requirements are set forth in SR-STS-
     002352, SMS/800 OS Mechanized Generic Interface Industry Test Specifications.

     ### 3.5.2 Field Test Requirements

     Field testing will be conducted on a one-on-one basis. Five types of field testing
     will be conducted. These are: Communications Protocol testing, User
     Application Layer (UAL) testing, User Programming Layer (UPL) testing, Volume
     testing and Line Failure/Outage/Disaster Recovery testing. Detailed testing
     requirements are set forth in SR-STS-002352, SMS/800 OS Mechanized Generic
     Interface Industry Test Specifications.

     ### 3.5.3 Test Duration

     Initial MGI testing will take four months. Requests for initial MGI testing must be
     received at least four months in advance of the proposed testing start date.
     Additional testing may be requested by the Resp Org, with advance notice.
     When such additional testing is requested, additional charges will be assessed,
     on an hourly basis.

     ### 3.5.4 Technical References for Testing Requirements

     MGI laboratory tests and field tests are described in detail in SR-STS-002352,
     SMS/800 OS Mechanized Generic Interface Industry Test Specifications.

     T

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SMS/800 FUNCTIONS

3. Service Offerings (Cont'd)

3.6 Change of Resp Org Performed by the Company

Upon request from a receiving Resp Org, which certifies that it has the written authorization of the subscriber, the Company will change that portion of an 800 number record which specifies the Resp Org for that 800 number. No routing or other service data will be modified. For each change of Resp Org activated by the Company, the requesting party will be assessed the Resp Org Change Charge, as set forth in 4.2(F)(3) following.

Requests for a Resp Org change can be submitted in writing via first class U.S. Mail, facsimile, electronically, or on diskette.

Resp Org changes will be performed within two business days from the receipt of the request.

When the Company changes the Resp Org for an 800 number and a discrepancy occurs, the subscriber and the Resp Orgs involved must resolve the discrepancy among themselves. If the discrepancy resolution requires that the Resp Org designation be corrected, the Resp Org agreeing to request the change must submit a new written Resp Org change request and the Resp Org Change Charge will be billed to that Resp Org.

If a Resp Org change is required due to a Company error, the subscriber's Resp Org will be corrected at no additional charge.

3.7 Additional Copies of Monthly Bill for SMS/800 Services

Upon request from a Resp Org, the Company will provide an additional copy of its entire monthly bill, or a specific page or pages, for SMS/800 services in either paper or electronic form with the same level of detail contained in the original (first) copy of the bill. Resp Orgs must submit their request prior to the first day of the month of issuance of the normal (first) bill and provide the Company with the name, address and telephone number of the person to whom it should be sent. A charge for each request for an additional bill or page(s) will be applied in accordance with Section 4.1.2(f), following.

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Issued: May 31, 2001

Effective: June 15, 2001

The names, titles and address of the
tariff's Issuing Officers are located
on Title Pages 2 through 4

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges

4.1 Rate Regulations

4.1.1 Types of Rates and Charges

There are three types of rates and charges that apply to SMS/800 functions: monthly recurring rates, per request rates and nonrecurring charges. The rates and charges are applied to the various rate elements as set forth in 4.1.2 following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have thirty (30) days. Once the minimum service period requirements have been fulfilled, monthly rates are adjusted for disconnects (i.e., billing only for that portion of the month that service was provided.

(B) Per Request Rates

Per request rates apply only when a specific rate element is used. These rates are applied on a per request or transaction basis. Per request rates are accumulated over a monthly period and billed to the Resp Org in terms of the total number of requests.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific activity that occurs. The types of nonrecurring charges that apply to services provided herein are Service Establishment Charges and Mechanized Generic Interface and Testing Charges.

Issued: March 5, 1993

Effective: May 1, 1993

The names, titles and address of the
tariff's Issuing Officers are located
on Title Pages 2 through 4

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.1 Rate Regulations (Cont'd)

4.1.2 Rate Elements

Following is a brief description of the rate elements applicable to services provided under this tariff.

(A) Service Establishment

Service Establishment charges apply for each SMS/800 logon ID assigned to a Resp Org. A nonrecurring charge will be assessed for each logon ID established, except when a new code is established subject to the provisions in 2.3.4 preceding. Different nonrecurring charges will apply for first and additional logon IDs established for the same Resp Org.

When the Company provides additional or replacement Smart Cards for use with dial-up or internet access, a separate additional nonrecurring charge will   C
be assessed, for each Smart Card defined.

(B) SMS/800 Access

Access to the SMS/800 can be via dial-up, internet or dedicated connections.   C
Dedicated access requires use of a port on the SMS/800 on a full-time basis, other forms of access share ports and other access resources. The monthly recurring rate that applies depends on whether the interface is for dial-up, internet, or dedicated access (according to whether the dedicated access   C
is MGI or Non-MGI).

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.1 Rate Regulations (Cont'd)

4.1.2 Rate Elements (Cont'd)

(C) Customer Record Administration

The Customer Record Administration Charge applies for each 800 number associated with a Resp Org. This includes reserved as well as active 800 numbers.

This element provides for number search and reservation functions, as well as activation and modification of 800 numbers. When 800 numbers are activated or discontinued, or information for an 800 number is changed in the SMS/800, this element also provides for updating the appropriate Data Bases.

As part of the Customer Record Administration function, the Resp Org may also request on-line reports. Reports which do not require the Company to print the report are provided as part of this function.

Exception reports as described in 3.1.3(C) preceding are generated by the SMS/800 and are provided to the Resp Org at no additional charge.

The Customer Record Administration Charge begins on the day after the Resp Org takes control of an 800 number and ends when the Resp Org relinquishes control of the number or when the number's status is changed to unavailable by the Company for operational or administrative reasons.

(D) Resp Org Reports

When an on-line report is on a "print-only" basis, an additional charge will apply if the Resp Org requests that the Company print the report and mail it to the Resp Org. The charge will apply per report.

Other reports printed off-line at the Data Center and mailed to the Resp Org have charge(s) associated with them, per report.

For call sampling reports, an additional charge per call sampled will also apply. These reports may also be limited as to their availability through other access tariffs. Reports are described in detail in BR 708-004-220, 800 Service Management System: General Procedures and BR 780-004-221, 800 Service Management System User Guide: 800 Service Management.

Issued: March 5, 1993

Effective: May 1, 1993

The names, titles and address of the
tariff's Issuing Officers are located
on Title Pages 2 through 4

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.1 Rate Regulations (Cont'd)

4.1.2 Rate Elements (Cont'd)

(E) Mechanized Generic Interface Activation and Testing   T

A one time nonrecurring charge applies for the activation of the Mechanized Generic Interface. This charge applies per Resp Org except when multiple Resp Orgs are part of the same SMS/800 user account, in which case the charge applies per Resp Org company (i.e., the company representing the multiple Resp Orgs).

Prior to interfacing with the SMS/800 on a mechanized basis, the Resp Org is required to participate in a series of tests as described in 3.6.4 preceding. The Resp Org will be assessed a one time nonrecurring charge for these tests. Like the activation charge, this charge applies to each Resp Org company.

Additional Mechanized Generic Interface Testing is available at the request of the Resp Org. Charges for such additional testing will apply on a "per staff hour" or "per staff day" basis.

(F) Miscellaneous Functions

Rates apply for miscellaneous functions on a per request basis. The elements provided are:

(1) Batch Update Processing; and Batch Update Testing, as described in 3.4, preceding; and

     D

(2) Resp Org Changes   T

Rates apply per 800 number, when the SMS/800 Help Desk implements a Resp Org change, as described in 3.6, preceding.

(3) Additional Copy of Monthly Bill, as defined in 3.7, preceding.   T

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.1 Rate Regulations (Cont'd)

4.1.3 Minimum Service Period

The minimum period for which charges are applicable for services provided under this tariff is one month. The minimum period does not apply to the Customer Record Administration element.

4.1.4 Bill Level Detail

Bills will be rendered to each Resp Org or the Resp Org's designated billing agent on the bill issue date specified in 2.4.1 preceding. Billing records will be consolidated at the Resp Org level but will include sufficient service charge detail to enable the Resp Org to verify the accuracy of the bill.   Z

Material appearing on this page previously appeared on 2nd Revised Page 59.

Issued: June 5, 1998   Effective: June 20, 1998

**The names, titles and address of the
tariff's Issuing Officers are located
on Title Pages 2 through 4**

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.2 Rates and Charges

Following are the rates and charges applicable to SMS/800 functions.

		Monthly Rate	Per Request Rate	Nonrecurring Charge	
(A)	Service Establishment				
	- Per Logon ID assigned				
	- First Logon ID			$1841.65	I
	- Each Additional Logon ID			105.17	I
	- Per Additional or Replacement Smart Card Defined			70.00	
(B)	SMS/800 Access				
	(1) Dial-up and Internet Access				
	- Per Smart Card Defined	$ 131.19			I
	(2) Dedicated Access				
	- Non-MGI Access				
	- Per Port	121.27			I
	- MGI Access				
	- Per Port	512.77			I
(C)	Customer Record Administration				
	- Per Toll-Free 800 Number	$0.2127			I
(D)	Resp Org Reports				
	(1) On-line				
	- Per report printed		$548.91		I
	(2) Off-line				
	- Per report		548.91		I
	- Per call sampled		0.006		

All rates and charges on this page expire on June 14, 2006   T

SMS/800 FUNCTIONS

4. Schedule of Rates and Charges (Cont'd)

4.2 Rates and Charges (Cont'd)

	Monthly Rate	Per Request Rate	Nonrecurring Charge
(E) Mechanized Generic Interface Testing			
- Mechanized Interface Activation			
- Per Resp Org Company			$342,884.00
- Initial Installation Testing			
- Per Interface, per Resp Org Company			212,015.00
- Additional Resp Org Requested Testing			
- Per Staff Day of Testing			1,440.00
Per Staff Hour of Testing			180.00
(F) Miscellaneous Functions			
(1) Batch Update			
- Per tape processed		$72.00	
Batch Update Testing			
- Per Staff Day of Testing		1,440.00	
- Per Staff Hour of Testing		180.00	
(2) Resp Org Change Charge			
- Per Request			
- Per Toll-Free 800 Number Changed		18.53	I
(3) Additional Copy of Monthly Bill, or Part			
- Per Copy of Bill, or Part		152.64	

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